

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 09/900, 963C
Source: IFW16
Date Processed by STIC: 04/27/2006

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 04/27/2006

PATENT APPLICATION: US/09/900,963C

TIME: 10:18:02

Input Set : A:\PTO.DL.txt

Output Set: N:\CRF4\04272006\I900963C.raw

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4 <110> APPLICANT: GUERIN-MARCHAND, CLAUDINE
5   DRUILHE, PIERRE
7 <120> TITLE OF INVENTION: PEPTIDE SEQUENCES SPECIFIC FOR THE HEPATIC STAGES OF
8   P. FALCIPARUM BEARING EPITOPES CAPABLE OF STIMULATING
9   THE T LYMPHOCYTES
11 <130> FILE REFERENCE: 010830-118
13 <140> CURRENT APPLICATION NUMBER: 09/900,963C
14 <141> CURRENT FILING DATE: 2001-07-10
16 <150> PRIOR APPLICATION NUMBER: 08/098,327
17 <151> PRIOR FILING DATE: 1993-11-24
19 <150> PRIOR APPLICATION NUMBER: PCT/FR92/00104
20 <151> PRIOR FILING DATE: 1992-02-05
22 <150> PRIOR APPLICATION NUMBER: FR 91 01286
23 <151> PRIOR FILING DATE: 1991-02-05
25 <160> NUMBER OF SEQ ID NOS: 47
27 <170> SOFTWARE: PatentIn Ver. 3.3
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 17
31 <212> TYPE: PRT
32 <213> ORGANISM: Artificial Sequence
34 <220> FEATURE:
35 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic Formula
36   Sequence
38 <220> FEATURE:
39 <221> NAME/KEY: MOD_RES
40 <222> LOCATION: (8)
41 <223> OTHER INFORMATION: Glu or Gly
43 <400> SEQUENCE: 1
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45   1           5           10           15
47 Arg
50 <210> SEQ ID NO: 2
51 <211> LENGTH: 17
52 <212> TYPE: PRT
53 <213> ORGANISM: Artificial Sequence
55 <220> FEATURE:
56 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic Formula
57   Sequence
59 <220> FEATURE:
60 <221> NAME/KEY: MOD_RES
61 <222> LOCATION: (1)
62 <223> OTHER INFORMATION: Ser or Arg
64 <220> FEATURE:

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Input Set : A:\PTO.DA.txt

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65 <221> NAME/KEY: MOD_RES
66 <222> LOCATION: (6)
67 <223> OTHER INFORMATION: Glu or Asp
69 <220> FEATURE:
70 <221> NAME/KEY: MOD_RES
71 <222> LOCATION: (8)
72 <223> OTHER INFORMATION: Arg or Leu
74 <220> FEATURE:
75 <221> NAME/KEY: MOD_RES
76 <222> LOCATION: (15)
77 <223> OTHER INFORMATION: Glu or Gly
79 <400> SEQUENCE: 2
W--> 80 Xaa Asp Leu Glu Gln Xaa Arg Xaa Ala Lys Glu Lys Leu Gln Xaa Gln
      81   1             5             10             15
      83 Gln
86 <210> SEQ ID NO: 3
87 <211> LENGTH: 17
88 <212> TYPE: PRT
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic Formula
93     Sequence
95 <220> FEATURE:
96 <221> NAME/KEY: MOD_RES
97 <222> LOCATION: (2)
98 <223> OTHER INFORMATION: Ser or Arg
100 <220> FEATURE:
101 <221> NAME/KEY: MOD_RES
102 <222> LOCATION: (7)
103 <223> OTHER INFORMATION: Glu or Asp
105 <220> FEATURE:
106 <221> NAME/KEY: MOD_RES
107 <222> LOCATION: (9)
108 <223> OTHER INFORMATION: Arg or Leu
110 <220> FEATURE:
111 <221> NAME/KEY: MOD_RES
112 <222> LOCATION: (16)
113 <223> OTHER INFORMATION: Glu or Gly
115 <400> SEQUENCE: 3
W--> 116 Gln Xaa Asp Leu Glu Gln Xaa Arg Xaa Ala Lys Glu Lys Leu Gln Xaa
      117   1             5             10             15
      119 Gln
122 <210> SEQ ID NO: 4
123 <211> LENGTH: 17
124 <212> TYPE: PRT
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic Formula
129     Sequence

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131 <220> FEATURE:
132 <221> NAME/KEY: MOD_RES
133 <222> LOCATION: (3)
134 <223> OTHER INFORMATION: Ser or Arg
136 <220> FEATURE:
137 <221> NAME/KEY: MOD_RES
138 <222> LOCATION: (9)
139 <223> OTHER INFORMATION: Glu or Asp
141 <220> FEATURE:
142 <221> NAME/KEY: MOD_RES
143 <222> LOCATION: (10)
144 <223> OTHER INFORMATION: Arg or Leu
146 <220> FEATURE:
147 <221> NAME/KEY: MOD_RES
148 <222> LOCATION: (17)
149 <223> OTHER INFORMATION: Glu or Gly
151 <400> SEQUENCE: 4
W--> 152 Gln Gln Xaa Asp Leu Glu Gln Xaa Arg Xaa Ala Lys Glu Lys Leu Gln
153 1 5 10 15
W--> 155 Xaa
158 <210> SEQ ID NO: 5
159 <211> LENGTH: 17
160 <212> TYPE: PRT
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic Formula
165 Sequence
167 <220> FEATURE:
168 <221> NAME/KEY: MOD_RES
169 <222> LOCATION: (1)
170 <223> OTHER INFORMATION: Glu or Gly
172 <220> FEATURE:
173 <221> NAME/KEY: MOD_RES
174 <222> LOCATION: (4)
175 <223> OTHER INFORMATION: Ser or Arg
177 <220> FEATURE:
178 <221> NAME/KEY: MOD_RES
179 <222> LOCATION: (9)
180 <223> OTHER INFORMATION: Glu or Asp
182 <220> FEATURE:
183 <221> NAME/KEY: MOD_RES
184 <222> LOCATION: (11)
185 <223> OTHER INFORMATION: Arg or Leu
187 <400> SEQUENCE: 5
W--> 188 Xaa Gln Gln Xaa Asp Leu Glu Gln Xaa Arg Xaa Ala Lys Glu Lys Leu
189 1 5 10 15
191 Gln
194 <210> SEQ ID NO: 6
195 <211> LENGTH: 17

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196 <212> TYPE: PRT
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic Formula
201     Sequence
203 <220> FEATURE:
204 <221> NAME/KEY: MOD_RES
205 <222> LOCATION: (2)
206 <223> OTHER INFORMATION: Glu or Gly
208 <220> FEATURE:
209 <221> NAME/KEY: MOD_RES
210 <222> LOCATION: (5)
211 <223> OTHER INFORMATION: Ser or Arg
213 <220> FEATURE:
214 <221> NAME/KEY: MOD_RES
215 <222> LOCATION: (10)
216 <223> OTHER INFORMATION: Glu or Asp
218 <220> FEATURE:
219 <221> NAME/KEY: MOD_RES
220 <222> LOCATION: (12)
221 <223> OTHER INFORMATION: Arg or Leu
223 <400> SEQUENCE: 6
W--> 224 Gln Xaa Gln Gln Xaa Asp Leu Glu Gln Xaa Arg Xaa Ala Lys Glu Lys
      225   1             5             10             15
      227 Leu
230 <210> SEQ ID NO: 7
231 <211> LENGTH: 17
232 <212> TYPE: PRT
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic Formula
237     Sequence
239 <220> FEATURE:
240 <221> NAME/KEY: MOD_RES
241 <222> LOCATION: (3)
242 <223> OTHER INFORMATION: Glu or Gly
244 <220> FEATURE:
245 <221> NAME/KEY: MOD_RES
246 <222> LOCATION: (6)
247 <223> OTHER INFORMATION: Ser or Arg
249 <220> FEATURE:
250 <221> NAME/KEY: MOD_RES
251 <222> LOCATION: (11)
252 <223> OTHER INFORMATION: Glu or Asp
254 <220> FEATURE:
255 <221> NAME/KEY: MOD_RES
256 <222> LOCATION: (13)
257 <223> OTHER INFORMATION: Arg or Leu
259 <400> SEQUENCE: 7

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RAW SEQUENCE LISTING

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Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\04272006\I900963C.raw

W--> 260 Leu Gln Xaa Gln Gln Xaa Asp Leu Glu Gln Xaa Arg Xaa Ala Lys Glu

261 1 5 10 15

263 Lys

266 <210> SEQ ID NO: 8

267 <211> LENGTH: 17

268 <212> TYPE: PRT

269 <213> ORGANISM: Artificial Sequence

271 <220> FEATURE:

272 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic Formula
273 Sequence

275 <220> FEATURE:

276 <221> NAME/KEY: MOD_RES

277 <222> LOCATION: (4)

278 <223> OTHER INFORMATION: Glu or Gly

280 <220> FEATURE:

281 <221> NAME/KEY: MOD_RES

282 <222> LOCATION: (7)

283 <223> OTHER INFORMATION: Ser or Arg

285 <220> FEATURE:

286 <221> NAME/KEY: MOD_RES

287 <222> LOCATION: (12)

288 <223> OTHER INFORMATION: Glu or Asp

290 <220> FEATURE:

291 <221> NAME/KEY: MOD_RES

292 <222> LOCATION: (14)

293 <223> OTHER INFORMATION: Arg or Leu

295 <400> SEQUENCE: 8

W--> 296 Lys Leu Gln Xaa Gln Gln Xaa Asp Leu Glu Gln Xaa Arg Xaa Ala Lys

297 1 5 10 15

299 Glu

302 <210> SEQ ID NO: 9

303 <211> LENGTH: 17

304 <212> TYPE: PRT

305 <213> ORGANISM: Artificial Sequence

307 <220> FEATURE:

308 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic Formula
309 Sequence

311 <220> FEATURE:

312 <221> NAME/KEY: MOD_RES

313 <222> LOCATION: (5)

314 <223> OTHER INFORMATION: Glu or Gly

316 <220> FEATURE:

317 <221> NAME/KEY: MOD_RES

318 <222> LOCATION: (8)

319 <223> OTHER INFORMATION: Ser or Arg

321 <220> FEATURE:

322 <221> NAME/KEY: MOD_RES

323 <222> LOCATION: (13)

324 <223> OTHER INFORMATION: Glu or Asp

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/900,963C

DATE: 04/27/2006
TIME: 10:18:03

Input Set : A:\PTO.DA.txt
Output Set: N:\CRF4\04272006\I900963C.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence, which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 8
Seq#:2; Xaa Pos. 1,6,8,15
Seq#:3; Xaa Pos. 2,7,9,16
Seq#:4; Xaa Pos. 3,8,10,17
Seq#:5; Xaa Pos. 1,4,9,11
Seq#:6; Xaa Pos. 2,5,10,12
Seq#:7; Xaa Pos. 3,6,11,13
Seq#:8; Xaa Pos. 4,7,12,14
Seq#:9; Xaa Pos. 5,8,13,15
Seq#:10; Xaa Pos. 6,9,14,16
Seq#:11; Xaa Pos. 7,10,15,17
Seq#:12; Xaa Pos. 1,8,11,16
Seq#:13; Xaa Pos. 2,9,12,17
Seq#:14; Xaa Pos. 1,3,10,13
Seq#:15; Xaa Pos. 2,4,11,14
Seq#:16; Xaa Pos. 3,5,12,15
Seq#:17; Xaa Pos. 4,6,13,16
Seq#:18; Xaa Pos. 5,7,14,17

VERIFICATION SUMMARY

DATE: 04/27/2006

PATENT APPLICATION: US/09/900,963C

TIME: 10:18:03

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\04272006\I900963C.raw

L:44 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:80 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:152 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:155 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:16
L:188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:296 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:332 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:368 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:16
L:440 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:476 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:16
L:512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:548 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:584 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:620 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:656 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:659 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:16